

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by strikethrough and underlining. This listing also reflects any cancellation and/or addition of claims.

1-5. (Canceled)

6. (Previously presented) An apparatus, comprising:

a deformable member having a first end, a second end, and an intermediate portion, the intermediate portion of the deformable member having a contact side and a non-contact side; and
a tendon configured to displace the first end of the deformable member relative to the second end in response to a signal, the contact side of the intermediate portion of the deformable member configured to output a haptic sensation, the non-contact side of the intermediate portion being disposed between the contact side of the intermediate portion and the tendon.

7. (Previously presented) The apparatus of claim 6, wherein the deformable member is a leaf spring.

8. (Previously presented) The apparatus of claim 6, wherein the tendon passes through a guide member fixed to one of the first end and the second end of the deformable member.

9. (Previously presented) The apparatus of claim 6, wherein the deformable member is configured to provide a controllable kinesthetic force.

10. (Previously presented) The apparatus of claim 6, wherein the deformable member is configured to provide a tactile sensation.

11-40. (Canceled)

41. (New) An apparatus, comprising:

a deformable member having a first end, a second end, and an intermediate portion, the intermediate portion of the deformable member having a contact side and a non-contact side; and

an elongated flexible member configured to displace the second end of the deformable member relative to the first end of the deformable member in response to a signal, the contact side of the intermediate portion of the deformable member configured to output a haptic sensation, the non-contact side of the intermediate portion being disposed between the contact side of the intermediate portion and the elongated flexible member.

42. (New) The apparatus of claim 41, wherein the elongated flexible member is attached to the second end of the deformable member, the elongated flexible member being configured to apply a force to the second end of the deformable member in a direction towards the intermediate portion of the deformable member.

43. (New) The apparatus of claim 41, wherein at least a portion of the elongated flexible member is disposed within a guide member fixed to one of the first end and the second end of the deformable member.

44. (New) The apparatus of claim 41, wherein the deformable member includes a first portion associated with the first end and a second portion associated with the second end, the first portion being pivotally connected to the second portion.

45. (New) The apparatus of claim 41, further comprising:

an actuator configured to apply a force to the elongated flexible member, the force being configured to cause the elongated flexible member to displace the second end of the deformable member relative to the first end of the deformable member.

46. (New) An apparatus, comprising:

a deformable member having a first end, a second end, and an intermediate portion, the intermediate portion of the deformable member having a first side and a second side;

a contact member attached to the first side of the intermediate portion of the deformable member, the contact member being configured to output a haptic sensation; and

an elongated member attached to the second end of the deformable member, the elongated member being configured to displace the second end of the deformable member relative to the first end of the deformable member, the elongated member being configured to cause the contact member to move in a direction substantially perpendicular to the a direction of the second end of the deformable member when displaced.